5.0 APPENDIX A

- Figure 1. Existing conditions near location for main rock drop.
- Figure 2. Installation of main rock drop and pond inlet channel.
- Figure 3. Plan view of main rock drop.
- Figure 4. Oblique aerial view showing main rock drop and vicinity.
- Figure 5. Location of Hanson Ponds rock drops.
- Figure 6. Location of rock drops in the egress channel of Hanson Ponds.
- Figure 7. Map of Wetlands One and Two.
- Table 1. Summary table for main rock drop and sewer line vicinity.

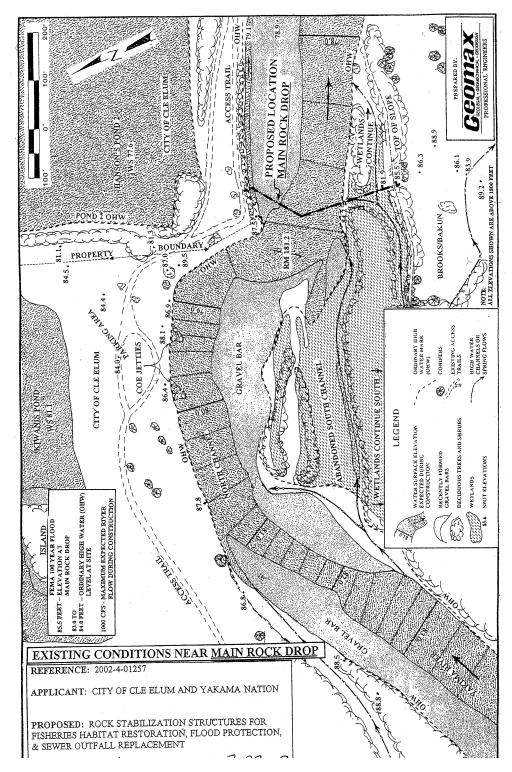


Figure 1. Existing conditions near location for main rock drop (Entrix, Inc., 2003).

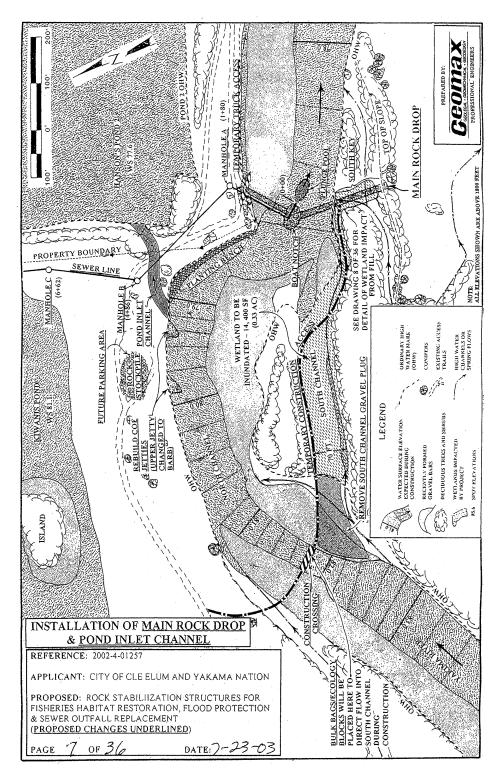


Figure 2. Installation of main rock drop and pond inlet channel (Entrix, Inc., 2003).

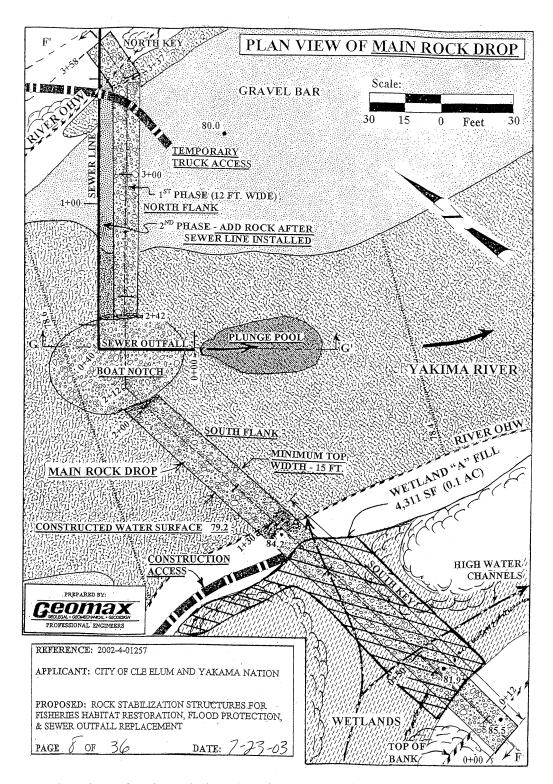


Figure 3. Plan view of main rock drop (Entrix, Inc., 2003)

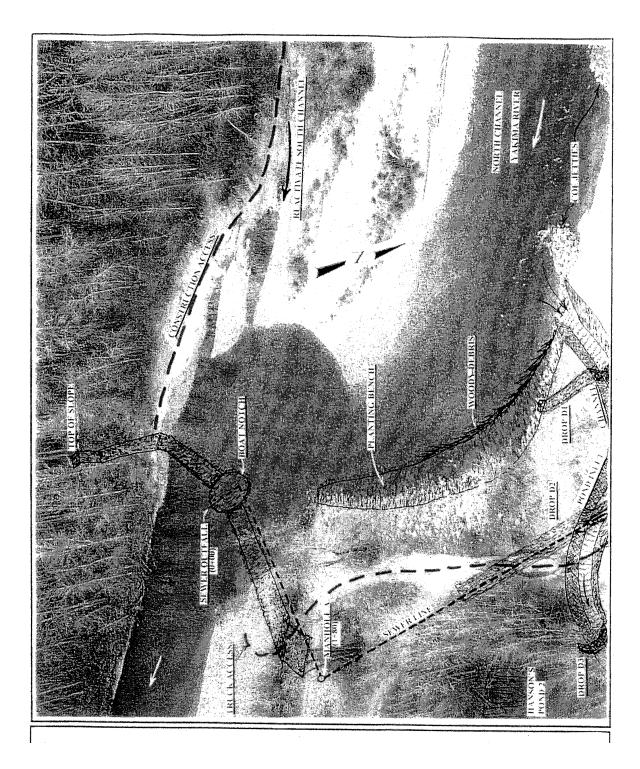


Figure 4. Oblique aerial view showing main rock drop and vicinity (Entrix, Inc., 2003)

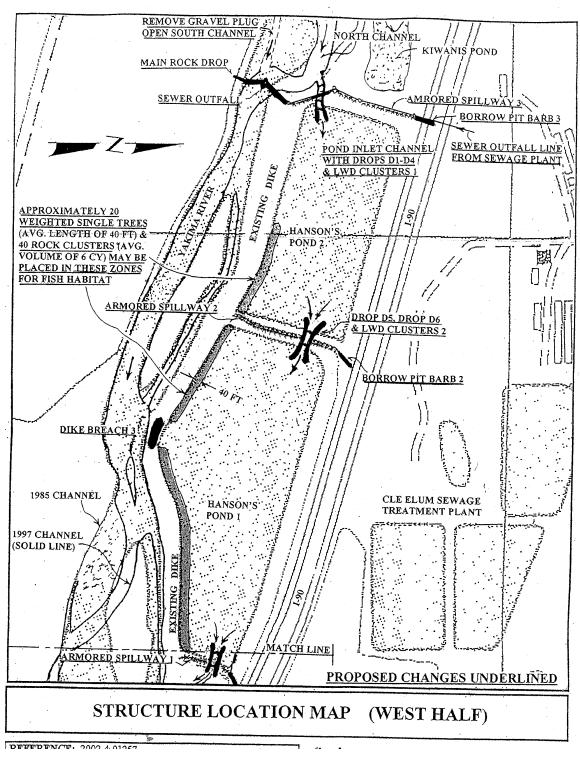


Figure 5. Location of Hanson Ponds rock drops (Entrix, Inc., 2003).

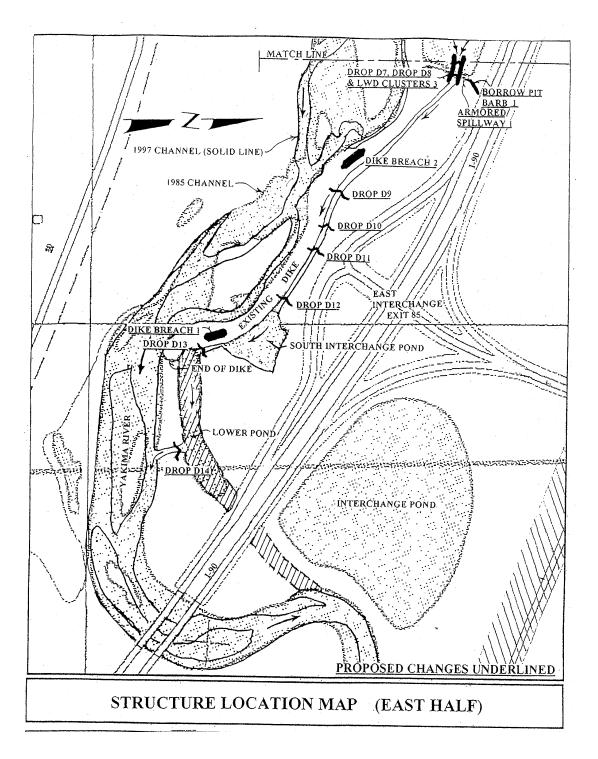


Figure 6. Location of rock drops in the egress channel of Hanson Ponds (Entrix, Inc., 2003).

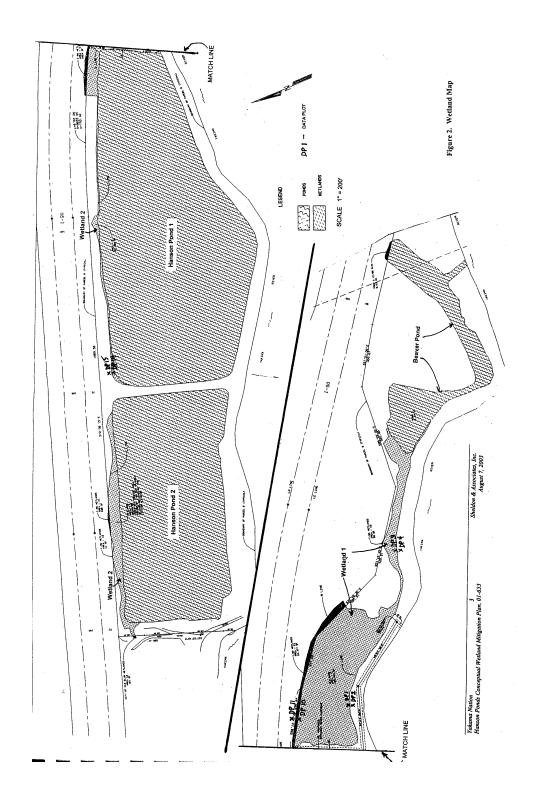


Figure 7. Map of Wetlands One and Two (Sheldon and Associates, Inc., 2003).

		Comments &	Total Vol. Below OHW ¹ Below OHW ¹ Total Vol. Below OHW ¹ OHW Elevations (CX) (CX) (CX)			,			83.0		83.0	is designed to	approximately 10%	of the Yakima River	300	83.0									84.0																																																													
Hanson's Ponds Stabilization, Sewer Outfall Replacement & Fisheries Enhancement	Excavation	Gravel	Below OHW ¹							2000															000				3000																																																									
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atior	Dimensions	l ength Deoth Width	(Feet)	2	010			198	909	210 9 Ave.	70 3.5			3.5	3.5	_	0	-		3.5	4	4,	9	3.5	170 Ave 2 Ave.																																																													
piliz	_	l engt	(Feet)	1000	2002	<u> </u>	194	19	۰,	21			110	180	20		250	21		95		42	70	130		580	280																																																											
anson's Ponds Sta	Description			etorn Coetion (Main	r at Western Section (Main Rock Drop & Sewer Line Vicinity)	Prevents river from breaking into the	west end of Pond 2 during a major	,	Protects I-90 at west end of Pond 2.	<i>*</i>		Allows controlled river flow into	Pond 2.				This Rock Drop: 1) Realigns river to prevent lateral shiffing into Pond 2	2) Stabilizes river grade to prevent	undercutting of downstream Dike	for sewer outfall. 4) Provides for	boat and fish passage over the	in this unstable section.	6) Enhances wetlands along the south bank.		Removes gravel plug in South Channel to improve river approach to Main Rock Drop.	Install sewer outfall line south of	I-90 including four manholes.	TOTALS	(FAR WESTERN SECTION)																																																									
T		Project Element		Ear Mo	ן מו אעב	Armored Spillway 3	MH "B" To MH "C"	MH "C" To MH "D"	Borrow Pit Barb 3	Pond Inlet Channel	Drop D1	Drop D2	(MH 'B' 10 3+60)	(3+60 To MH "A")	Drop D3	Main Rock Drop	A) Planting Bench	B) North Key	C) North Flank	1st Phase	2nd Phase	D) Boat Notch	E) South Flank	F) South Key	Remove Gravel Plug	Sewer Outfall Line 24 Inch Dia, Plastic	24 in. Dia. Ductile Iron		(FAR WES																																																									

		400
	.0 on drawings).	es dismeter of 18 inches with
	s 1884.0 (Shown as 84	a minimum base diameter of
	lain Rock Drop is	es with a minim
	Mark. OHW at M	Consisting of tre
	eans Ordinary High Water	eans Large Woody Debris
Mores.	1) OHW m	2) LWD means Large

Table 1. Summary table for main rock drop and sewer line vicinity (Entrix, Inc., 2003).

REFERENCE: 2002-4-01257